

DIPE JUN 03 2004 35 PAT & TRADEMARK OFFICE	FORM PTO-1449	ATTY. DOCKET NO. 1744.0630001	APPLICATION NO. 09/632,855
	SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	APPLICANTS Sorrells et al.	
		FILING DATE August 4, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
CP ↓	AG51	6,230,000 B1	05/2001	Taylor			
	AH51	5,483,695	01/1996	Pardoen			
	AI51	6,542,722 B1	04/2003	Sorrells et al.			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AJ						
CP ↓	AK22	EP 0 643 477 A2 & A3	03/1995	EP			N/A
	AL22	EP 0 877 476 A1	11/1998	EP			N/A
	AM22	EP 0 977 351 A1	02/2000	EP			N/A

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
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	AQ		
GO	AR	57	Taylor, D., "A Low-noise, High-performance Zero IF Quadrature Detector/Preamplifier," <i>RF Design</i> , Primedia Business Magazines & Media, Inc., pp. 58, 60, 62 and 69 (March 2003).

EXAMINER

Curtis Odum

DATE CONSIDERED

9/22/04

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TYPE JC-11 JUN 03 2004 TRADEMARK	FORM PTO-1449	ATTY. DOCKET NO. 1744.0630001	APPLICATION NO. 09/632,855
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U.S. PATENT DOCUMENTS

77-3 TRADE EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CO	AA52	6,560,301 B1	05/2003	Cook <i>et al.</i>			
	AB52	6,098,046	08/2000	Cooper <i>et al.</i>			
	AC52	5,564,097	10/1996	Swanke			
	AD52	5,898,912	04/1999	Heck <i>et al.</i>			
	AE52	4,660,164	04/1987	Leibowitz			
	AF52	6,580,902 B1	06/2003	Sorrells <i>et al.</i>			
	AG52	4,857,928	08/1989	Gailus <i>et al.</i>			
	AH52	5,389,839	02/1995	Heck			
	AI52	5,471,665	11/1995	Pace <i>et al.</i>			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
CO	AJ23	WO 00/31659 A1	06/2000	PCT			N/A
	AK23	JP 9-36664	02/1997	JP			No
	AL						
	AM						

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CO	AN	58	Dines, J.A.B., "Smart Pixel Optoelectronic Receiver Based on a Charge Sensitive Amplifier Design," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , IEEE, Vol. 2, No. 1, pp. 117-120 (April 1996).
	AO	58	Simoni, A. et al., "A Digital Camera for Machine Vision," <i>20th International Conference on Industrial Electronics, Control and Instrumentation</i> , IEEE, pp. 879-883 (September 1994).
	AP	58	Stewart, R.W. and Pfann, E., "Oversampling and sigma-delta strategies for data conversion," <i>Electronics & Communication Engineering Journal</i> , IEEE, pp. 37-47 (February 1998).
	AO	58	Rudell, J.C. et al., "A 1.9-GHz Wide-Band IF Double Conversion CMOS Receiver for Cordless Telephone Applications," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 32, No. 12, pp. 2071-2088 (December 1997).
	AR	58	English-language Abstract of Japanese Patent Publication No. 09-036664, from http://www1.ipdl.jpo.go.jp , 2 Pages (February 7, 1997 - Date of publication of application).

EXAMINER Curtis Olson	DATE CONSIDERED 9/22/04
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INFORMATION DISCLOSURE STATEMENTAPPLICANTS
Sorrells et al.FILING DATE
August 4, 2000GROUP
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
CO	AA53	6,327,313 B1	12/2001	Traylor et al.			
	AB53	5,751,154	05/1998	Tsugai			
	AC53	5,793,817	08/1998	Wilson			
	AD53	6,225,848 B1	05/2001	Tilley et al.			
	AE53	6,313,685 B1	11/2001	Rabil			
	AF53	3,614,627	10/1971	Runyan et al.			
	AG53	3,940,697	02/1976	Morgan			
	AH53	4,016,366	04/1977	Kurata			
	AI53	4,045,740	08/1977	Baker			

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JUN 08 2004

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

CO	AN	59	Simoni, A. et al., "A Single-Chip Optical Sensor with Analog Memory for Motion Detection," <i>IEEE Journal of Solid-State Circuits</i> , IEEE, Vol. 30, No. 7, pp. 800-806 (July 1995).
	AO		
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EXAMINER

Curtis Odum

DATE CONSIDERED

9/20/04

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FORM PTO-1449
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ATTY. DOCKET NO.
1744.0630001

APPLICATION NO.
09/632,855

APPLICANTS
Sorrells et al.

FILING DATE
August 4, 2000

GROUP
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA54	4,115,737	09/1978	Hongu et al.			
	AB54	5,710,992	01/1998	Sawada et al.			
	AC54	5,790,587	08/1998	Smith et al.			
	AD54	4,740,675	04/1988	Brosnan et al.			
	AE54	5,483,600	01/1998	Werrbach			
	AF54	6,011,435	01/2000	Takeyabu et al.			
	AG54	6,321,073 B1	11/2001	Luz et al.			
	AH54	6,026,286	02/2000	Long			
	AI54	6,178,319 B1	01/2001	Kashima			

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EXAMINER

Curtis Olson

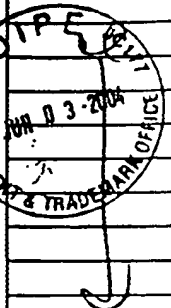
DATE CONSIDERED

9/22/04

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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1744.0630001	APPLICATION NO. 09/632,855
	APPLICANTS Sorrells et al.	
	FILING DATE August 4, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA55	6,634,555 B1	10/2003	Sorrells <i>et al.</i>			
	AB55	3,736,513	05/1973	Wilson			
	AC55	4,488,119	12/1984	Marshall			
	AD55	4,633,510	12/1986	Suzuki <i>et al.</i>			
	AE55	5,369,789	11/1994	Kosugi <i>et al.</i>			
	AF55	5,416,449	05/1995	Joshi			
	AG55	5,438,329	08/1995	Gastouniotis <i>et al.</i>			
	AH55	6,611,569 B1	08/2003	Schier <i>et al.</i>			
	AI55	6,647,250 B1	11/2003	Bultman <i>et al.</i>			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
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EXAMINER <i>Charles Odom</i>	DATE CONSIDERED <i>9/21/04</i>
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FORM PTO-1449 SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1744.0630001	APPLICATION NO. 09/632,855
	APPLICANTS Sorrelle et al.	
	FILING DATE August 4, 2000	GROUP 2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA56	5,682,099	10/1997	Thompson et al.			
	AB56	6,094,084	07/2000	Abou-Allam et al.			
	AC56	6,067,329	05/2000	Kato et al.			
	AD56	6,516,185 B1	02/2003	MacNally			
	AE56	6,608,647 B1	08/2003	King			
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EXAMINER	<i>John Odom</i>	DATE CONSIDERED	<i>9/22/04</i>
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THIRD SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1744.0630001

INVENTORS
SORRELLS *et al.*

FILING DATE
August 4, 2000

APPLICATION NO.
09/632,855

ART UNIT
2634

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
Co ↓	AF56	5,955,992	09/1999	Shattil			
	AG56	5,999,561	12/1999	Naden <i>et al.</i>			
	AH56	6,686,879 B2	02/2004	Shattil			
	AI56	5,345,239	09/1994	Madni <i>et al.</i>			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes
	AK						No
Co	AL23	DE 196 48 915 A1	06/1998	DE			Yes
	AM						(Doc. A059)

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AN		
	AO	53	English Translation of German Patent Publication No. DE 196 48 915 A1, 10 pages.
	AP		
	AQ		
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EXAMINER *Curtis Adon* DATE CONSIDERED *9/22/04*

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FORM PTO-1449

FOURTH SUPPLEMENTAL
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CO	AA57	4,132,952	01/1979	Hongu <i>et al.</i>	/	/	
	AB57	5,260,973	11/1993	Watanabe	/	/	
	AC57	6,307,894 B2	10/2001	Eidson <i>et al.</i>	/	/	
	AD57	6,091,289	07/2000	Song <i>et al.</i>	/	/	
	AE57	6,437,639 B1	08/2002	Nguyen <i>et al.</i>	/	/	
	AF57	2002/0037706 A1	03/2002	Ichihara	/	/	
	AG57	4,441,080	04/1984	Saari	/	/	
	AH57	4,873,492	10/1989	Myer	/	/	
	AI57	5,697,074	12/1997	Makikallio <i>et al.</i>	/	/	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AJ						Yes No
	AK						Yes No
	AL						Yes No
	AM						Yes No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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CO	AP	59	Deboo, Gordon J., <i>Integrated Circuits and Semiconductor Devices</i> , 2 nd Edition, McGraw-Hill, Inc., pp. 41-45 (1977).
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EXAMINER *Curtis Odum*DATE CONSIDERED
6/2/05

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CO	AA58	5,784,689	07/1998	Kobayashi	/	/	
	AB58	6,335,656 B1	01/2002	Goldfarb <i>et al.</i>	/	/	
	AC58	6,690,232 B2	02/2004	Ueno <i>et al.</i>	/	/	
	AD58	5,636,140	06/1997	Lee <i>et al.</i>	/	/	
	AE58	6,366,622 B1	04/2002	Brown <i>et al.</i>	/	/	
	AF58	6,600,795 B1	07/2003	Ohta <i>et al.</i>	/	/	
	AG58	4,250,458	02/1981	Richmond <i>et al.</i>	/	/	
	AH58	5,760,629	06/1998	Urabe <i>et al.</i>	/	/	
	AI58	6,084,465	07/2000	Dasgupta	/	/	

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CP	AA59	6,204,789 B1	03/2001	Nagata	/	/	
	AB59	6,064,054	05/2000	Waczynski <i>et al.</i>	/	/	
	AC59	5,218,562	06/1993	Basehore <i>et al.</i>	/	/	
	AD59	5,239,496	08/1993	Vancraeynest	/	/	
	AE59	5,896,304	04/1999	Tiemann <i>et al.</i>	/	/	
	AF59	6,005,903	12/1999	Mendelovicz	/	/	
	AG59	6,798,351 B1	09/2004	Sorrells <i>et al.</i>	/	/	
	AH59	6,813,485 B2	11/2004	Sorrells <i>et al.</i>	/	/	
	AI59	5,410,270	04/1995	Rybicki <i>et al.</i>	/	/	

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CP	AA60	6,509,777 B2	01/2003	Razavi <i>et al.</i>	/	/	
I	AB60	5,982,329	11/1999	Pittman <i>et al.</i>	/	/	
I	AC60	6,208,636 B1	03/2001	Tawil <i>et al.</i>	/	/	
I	AD60	3,614,630	10/1971	Rorden	/	/	
I	AE60	6,836,650 B2	12/2004	Sorrells <i>et al.</i>	/	/	
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